

| L Number | Hits | Search Text | DB | Time stamp |
|----------|--------|---|---|------------------|
| - | 282954 | (ring\$3 or call\$3).ti. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2003/07/01 12:12 |
| - | 1706 | (slic or "line interface" or "loop intereface").ti. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2003/07/02 11:23 |
| - | 26 | ((379/372).CCLS.) and ring\$3.ti. | USPAT | 2003/07/02 15:48 |
| - | 17 | ((379/372).CCLS.) and (impedance or resistance).ab. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2003/07/02 15:48 |
| - | 62 | ((ring\$3 or call\$3).ti.) and ((loop line feed) adj (resistance impedance)).ab. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2003/07/02 15:50 |
| - | 8 | 4953206.URPN. | USPAT | 2003/07/02 15:52 |
| - | 14 | ("1277025" "2212927" "2260296" "3309633" "3340364" "3535646" "3641357" "3736437" "4178480" "4456985" "4456986" "4546212" "4608686" "4640989").PN. | USPAT | 2003/07/02 16:00 |
| - | 27 | (ringing and impulse and noise).ab. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2003/07/02 15:52 |
| - | 9 | ((ringer "ring send\$3" "ring\$send\$3") and impulse).ab. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2003/07/02 15:52 |
| - | 306 | ring\$3 same ("high impedance" or "high resistance") same (switch) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2003/07/03 09:35 |
| - | 19 | (ring\$3 same ("high impedance" or "high resistance") same (switch)) and ring\$3.ti. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2003/07/03 09:35 |
| - | 46 | 4551581.URPN. | USPAT | 2003/07/03 10:41 |
| - | 51 | (ring\$3 and (generat\$3 or circuit or signal\$4)).ti. and (loop and (impedance or resistance)).ab. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/02/09 11:36 |
| - | 198 | (379/372).CCLS. | USPAT | 2004/02/09 11:30 |
| - | 69 | ((((379/142.04,82,179,207.08,207.09,252,375.0 and ("caller id" or "caller identification")) and switch and ring\$3 and silent | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/02/09 11:30 |
| - | 39 | (ringing and slic).ab. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/02/09 11:36 |
| - | 0 | ((ringing and slic).ab.) and (variable same impedance) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/02/09 11:36 |

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| - | 2 | ((ringing and slic).ab.) and (variable and impedance) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/02/09 11:36 |
| - | 4439 | 379/142.04,82,179,207.08,207.09,252,375.01,376.02,413.01,2008/08/88.19+88.23,93.0 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/02/09 11:36 |
| - | 36 | 379/142.04,82,179,207.08,207.09,252,375.01,376.02,413.01,2008/08/88.19+88.23,93.0 and feed.ab. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/02/09 11:36 |
| - | 424 | tou.in. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/02/10 11:21 |
| - | 1 | "call signal transmission".ti. and mizu.in. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/02/10 11:31 |
| - | 729 | ((cal\$4 ring\$4) and circuit and (remove eliminate) and (relay switch)).ab. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/02/10 11:32 |
| - | 176 | ((cal\$4 ring\$4) and circuit and ((remove eliminate) with (relay switch))).ab. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/02/10 11:36 |
| - | 2 | 6115469.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/02/10 11:37 |